

Reactions of haloalkanes

1) Chloroethane, $\text{CH}_3\text{CH}_2\text{Cl}$, reacts with aqueous KOH, alcoholic KOH, and with NH_3 . Compare and contrast the reactions of chloroethane with the three reagents.

In your answer you should include:

- the type of reaction occurring and the reason why it is classified as that type
- the type of functional group formed
- equations showing structural formulae for reactions occurring.